

LISTING OF CLAIMS

1. (currently amended) A transgenic ~~nonhuman-mammal~~ mouse comprising two human immunoglobulin loci, wherein one of ~~two~~ said human immunoglobulin loci is a human heavy chain locus and the other locus is a human light chain locus; and wherein ~~only one of said loci~~ the human heavy chain locus is ~~of~~ carried by a transchromosome having a centromere of human chromosome 14 and the human light chain locus is carried by a transgene integrated into the genome of said mouse.

2. (currently amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein the transchromosome is ~~autonomous~~ the SC20 transchromosome.

3-5. (canceled)

6. (currently amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein ~~the an~~ endogenous ~~mammalian~~ mouse heavy chain locus and at least one ~~mammalian~~ endogenous mouse light chain locus are inactivated.

7. (currently amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 6, wherein the endogenous ~~mammalian~~ mouse heavy chain locus and the endogenous mouse kappa light chain locus are inactivated.

8. (currently amended) The transgenic ~~nonhuman-mammal~~ mouse of claim ~~[[4]]~~ 1, wherein at least a part of the human light chain locus is cloned into a YAC vector.

9. (currently amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein the ~~transgenic nonhuman-mammal is a mouse~~ transgene is the KCo5 transgene.

10. (canceled)

11. (currently amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein the human heavy chain locus is ~~comprised in~~ carried by the transchromosome SC20 hCF(SC20) and the human light chain locus is ~~comprised in~~ carried by the human kappa light chain locus-transgene KCo5.

12-88. (canceled)